CS-M 1.5

Software User Manual

Version 1.5

EN 141027

CS-M 1.5

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By using this product, or allowing anyone else to do so, you are accepting this agreement.**

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You cannot transfer ownership of these Sounds and Software they contain. You cannot re-sell or copy the Product.

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4. Term
This agreement is effective from the date you open this package, and will remain in full force until termination. This agreement will terminate if you break any of the terms or conditions of this agreement. Upon termination you agree to destroy and return to UVI all copies of this product and accompanying documentation.

5. Restrictions
Except as expressly authorized in this agreement, you may not rent, sell, lease, sub-license, distribute, transfer, copy, reproduce, display, modify or time share the enclosed product or documentation.

6. Hardware
The accompanying USB flash media is only guaranteed in it's original state, as an installation medium for the Product. Any variance from this use including but not limited to deleting, altering or adding data, reformatting the media or any physical alteration of the device will void its warranty. If the media is found to have a physical or manufacturing defect please contact our support department (http://www.uvi.net/contact-support).

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Introduction

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CS-M is back and it's bigger than ever! Now including the full set of raw waveforms for the CS-01, an expanded preset library with over 200 patches and a massive boost to performance, delivering dramatically faster load times. There's never been a better time to explore the warm analog tones of the CS series!

Between 1979 and 1984 Yamaha designed and built some of the most unique and distinct sounding analog synthesizers in the world - the most famous of which being the massive CS-80. We tend to prefer the sounds of the lesser-known models, and have focused here on the CS-70M, CS-40M, CS-20M and CS-01.

UVI CS-M features a dual-layer architecture and instant preset/layer switching making it an extraordinarily responsive instrument capable of a wide and authentic sound palette. Layers include all possible base waveforms and noises as well as expertly programmed presets, all made on the original machines. In fact, great lengths were taken to ensure the authentic sound and natural character of these machines was preserved and translated clearly in CS-M. Everything was sampled, down to the unique unison and ensemble modes.

Enjoy the wonderful vintage sound of these synthesizers or take them into new territory with the UVI Engine. CS-M comes packed with a wealth of features to help you enrich and customize your sounds including double arpeggios, a step sequencer, LFOs and precision modeled FX - allowing you to freely tread in territory the old hardware couldn't dream of.

From thick and gritty basslines to warm and bubbly arpeggios and sharp analog leads, UVI CS-M is a grand ode to some of our most beloved hardware inspirations.

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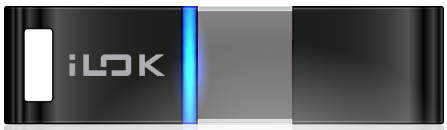
System Requirements

Compatibility
Audio Units, VST, MAS, AAX, RTAS or standalone
UVI Workstation 2.5.7 or higher

Minimum System Requirements
- Intel CPU
- 4 GB of RAM (8 GB+ recommended)
- 1.5 GB of disk space
- Mac OS X 10.7 or higher
- iLok account (free, dongle not required)

Compatibility
VST, AAX, RTAS or standalone
UVI Workstation 2.5.7 or higher

Minimum System Requirements
- Core Duo or faster
- 4 GB of RAM (8 GB+ recommended)
- 1.5 GB of disk space
- Windows 7 or higher
- iLok account (free, dongle not required)



Authorize the Way You Want

Your license allows 3 concurrent authorizations on any combination of computers and iLok dongles.
License management is a simple drag-and-drop process done through iLok License Manager.
Visit ilok.com/ to download iLok License Manager and create your free account.

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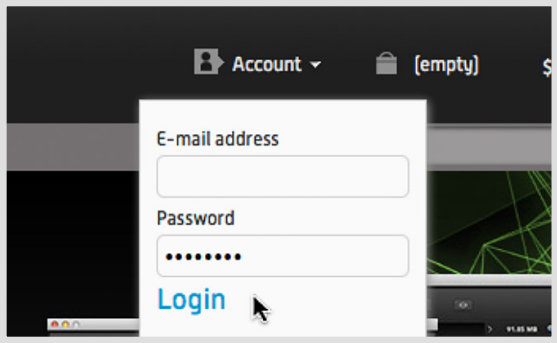
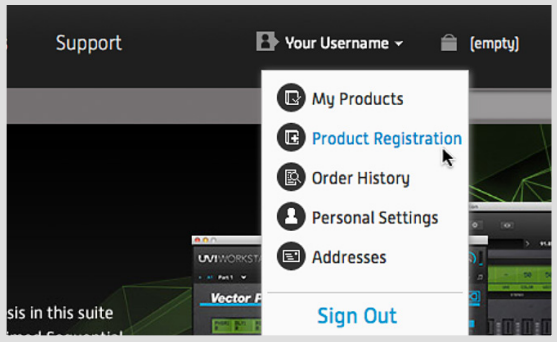
Step 1 Register Your Serial Number

- You must have an account on uvi.net/ and ilok.com/ prior to registration
- If you purchased a **physical version** of this product, your serial number is located on the inside of the box
- If you purchased an **electronic version** of this product, your serial number will be included in a confirmation email
- You can see a list of the products you've registered and their serial numbers anytime at uvi.net/my-products

1. Login to your account on uvi.net/

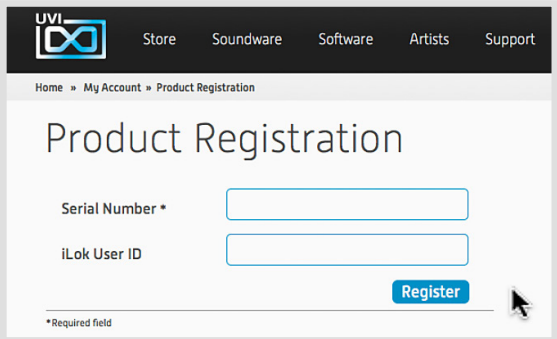


2. Navigate to the 'Product Registration' page



3. Enter your details and click 'Register'

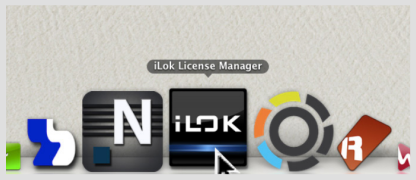
   Upon completion a new license will be deposited in your iLok account



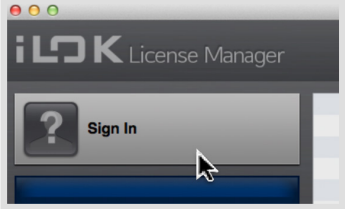
Step 2 Activate Your License

- iLok License Manager is required for activation, download the newest version at ilok.com/ilm.html
- Your license allows up to 3 concurrent activations on any combination of iLok dongles and computers
- Activations can be moved between devices at anytime

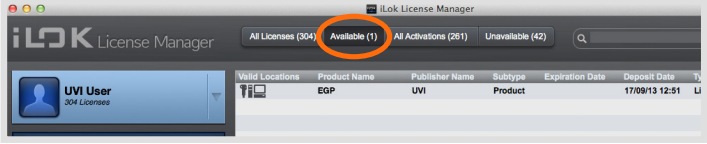
1. Launch iLok License Manager



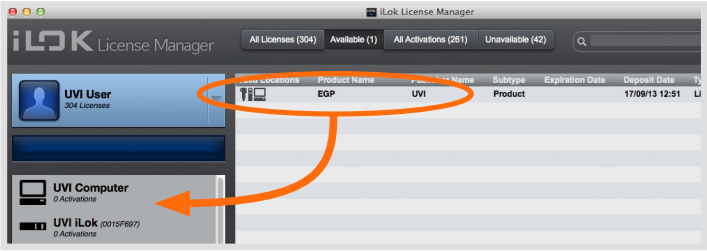
2. Login to your account



3. Click the 'Available' tab

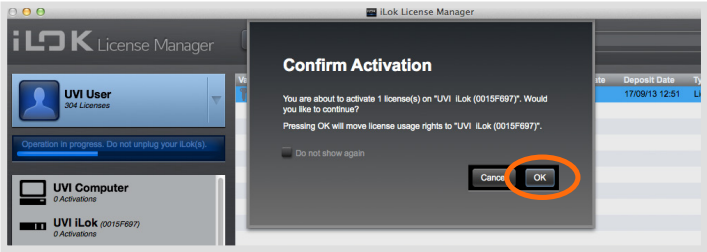


4. Drag the license to your computer or an iLok dongle



5. Click 'Ok' to confirm the activation

   The process is complete, your device is now authorized


iLok License Manager
License Manager
Confirm Activation
You are about to activate 1 license(s) on "UVI iLok (0015F697)". Would you like to continue?
Pressing OK will move license usage rights to "UVI iLok (0015F697)".
Do not show again
Cancel
OK
UVI User
304 Licenses
Operation in progress. Do not unplug your iLok(s).
UVI Computer
0 Activations
UVI iLok (0015F697)
0 Activations

» To see how many authorizations you have left simply select the license and click 'Show Details'
» To deactivate your license, right-click it and select 'Deactivate' — doing so will return your license to the 'Available' tab

Step 3 Install Your Instrument

- UVI Instruments can be stored anywhere on your system
- Storing your instruments on a fast drive will improve performance
- Your instruments can be downloaded at any time from uvi.net/my-products

1. Create a folder on your computer and place your UVI Instruments in it
   Once this is done we need to tell UVI Workstation where to find your instruments.
   We do this by creating a watch folder, follow the steps below to create your own:

2. Open UVI Workstation

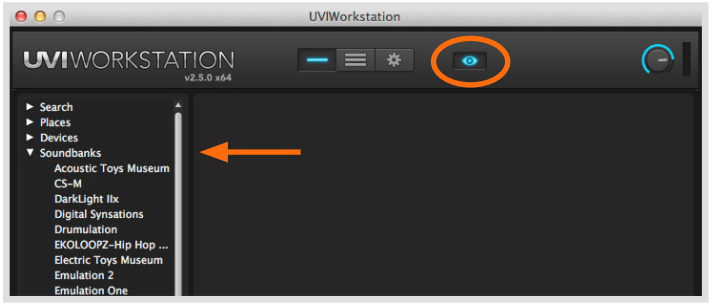
3. Click the Settings page

4. Click the 'Sound Banks' tab

5. Click the '...' button and select the folder where you've placed your instruments

6. Restart UVI Workstation and open the Browser

   Your instruments will be available under the 'Soundbanks' tab

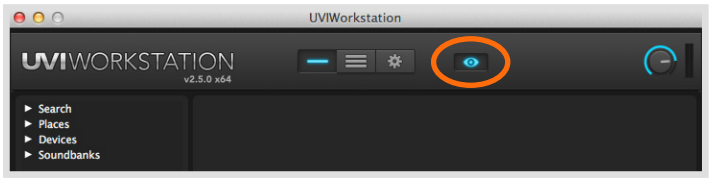


Step 4 Load Your Instrument

- UVI Workstation is required to run UVI Instruments
- The newest version of UVI Workstation can be downloaded free at uvi.net/downloads
- UVI Workstation can be run as a standalone program or as a virtual instrument from within your DAW of choice

1. Open UVI Workstation

2. Click the Browser icon



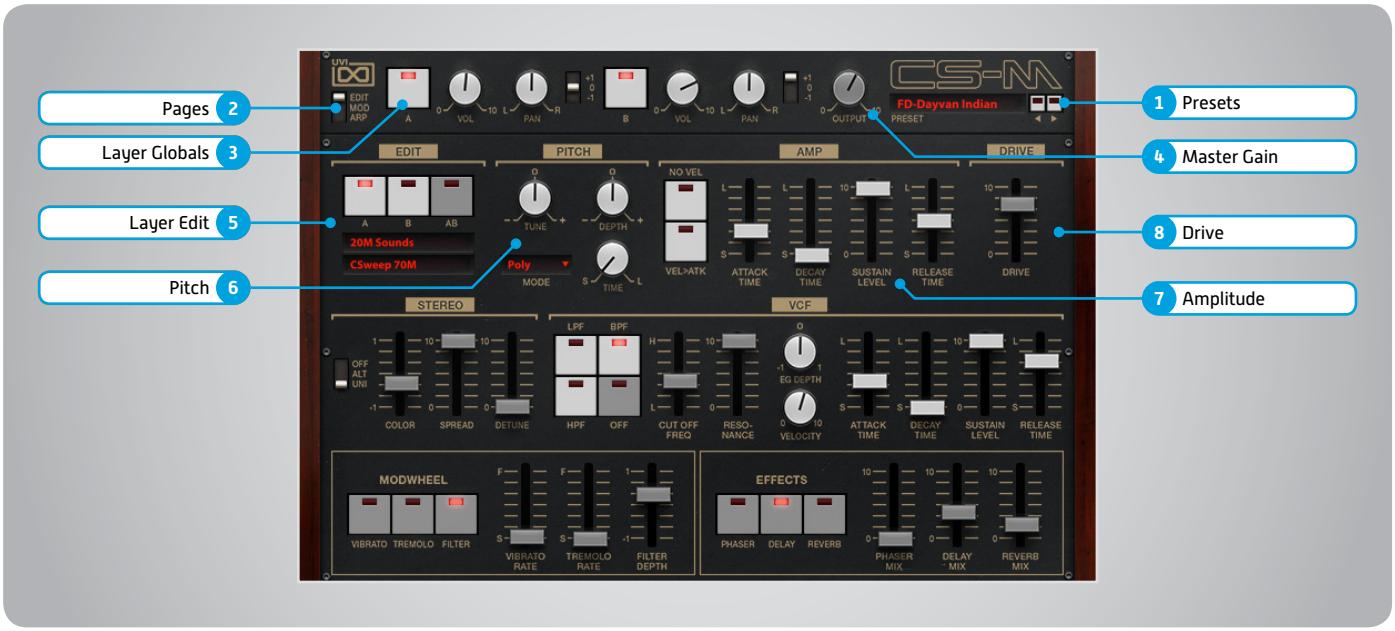
3. Open the Sound Banks tab

4. Select a product, in this example we'll choose Vector Pro, then select an instrument and patch

   Double-click the patch to load it

5. The UI appears and you're ready to jam!

Edit Page



The UI is divided into three pages; [Edit], [Mod] and [Arp]. Primary controls such as amp, filter, stereo, pitch and effects are available on the [Edit] page. Clicking the [Mod] button at the top of the interface reveals the second page of controls containing the LFO and Step Modulator. The final [Arp] page presents an independent arpeggiator for each layer.

Main

1 Presets

Select a global preset from the pull-down menu or browse them with the Prev/Next arrows

2 Pages

Change the current page by selecting one of the 3 options; Edit, Mod or Arp

3 Layer Globals

- **On/Off Toggle**
- **Volume**
- **Pan**
- **Octave [+1, 0, -1]**

4 Master Gain

Set the Output Gain for the instrument

Basic Controls

5 Layer Edit

- **Edit A | Edit B | Edit All**
  Choose to edit layers A or B seperately or simultaneously
- **Wave Menu**
  Choose the wave category in the first row and the wave in the second

6 Pitch

- **Tune**
  Adjust the pitch in Semitones/Cents
- **Depth**
  Adjust the Portamento depth
- **Mode**
  Toggle between Mono and Poly voicing
- **Time**
  Set the Glide time

7 Amplitude

- **No Velocity**
  Sets all incoming notes to max velocity
- **Velocity > Attack**
  Modulates attack amount based on incoming note velocity. Low velocities result in long attacks; high velocities result in short attacks
- **ADSR**
  Attack / Decay / Sustain / Release envelope for the Amplitude section

8 Drive

- **Amount**
  Sets the amount of drive

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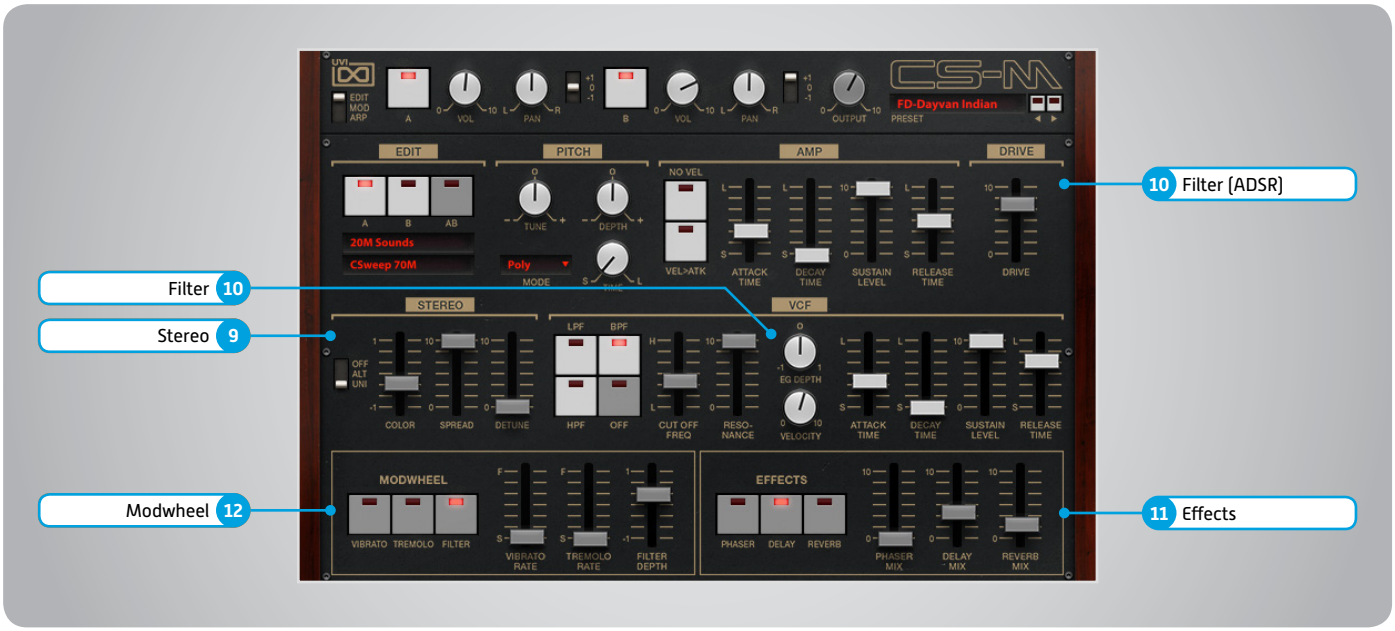
Edit Page [continued]



Basic Controls (continued)

9 ▶ Stereo

» **Mode**
Off / Alternate Pan / Unison

» **Color**
Shifts color based on adjacent samples

» **Spread**
Change the stereo width

» **Detune**
UNI Mode Only: setunes layers

10 ▶ Filter

» **Filter Modes**
Choose Filter mode; High Pass, Band Pass, Low Pass or OFF

» **Cutoff Freq**
Filter cutoff frequency

» **Resonance**
Adjust the resonance (Q) of the Filter

» **EG Depth**
Modifies the amount of ADSR envelope to be applied to the Filter

» **Velocity**
Adjust the Velocity > Filter sensitivity

» **ADSR**
Attack / Decay / Sustain / Release envelope for the Filter section

11 ▶ Effects

» **Power/Amount**
Choose from Phaser, Delay, and Reverb (additional controls available in the Effects page of UVIWS and MF)

12 ▶ Modwheel

» **Power/Amount**
Easily route your controllers Modwheel to control common parameters such as Vibrato, Tremolo and Filter Depth

Mod Page

LFO

1 Sync
Enable/Disable LFO sync to Host Tempo

2 Waveforms
Choose LFO waveform; Sine, Triangle, Square or Sample & Hold

3 LFO Controls
» **Speed**
Change the LFO Speed
» **EG Depth**
Adjusts the amount of Attack and Decay to be applied to the LFO
» **Attack**
Attack time for the Speed envelope
» **Decay**
Decay time for the Speed envelope

4 Mod Routing
Control the amounts of LFO modulation to be applied to various parameters including; Pitch, Drive, Volume and Filter

Step Modulator

5 Step Sequencer
Interactive editor for programming sequenced modulations; bar height equals mod amount

6 Seq Params
» **Res**
Change the sequencers step length
» **Steps**
Change the amount of steps for the sequencer to play
» **Delay**
Delay time to activate first step
» **Rise**
Time to activate step with a smooth transition
» **Smooth**
Interpolates values between adjacent steps to smooth parameter modulation for a custom LFO effect

7 Mod Routing
Control the amounts of modulation to be applied to various parameters including; Volume and Filter

Arp Page

1 Step Indicator
LED lights up when step is triggered

2 Step Editor
16-step sequencer; affects Velocity

3 Tie
When active, step inherets Velocity from the previous step

4 Mode
Mono mode = Arpeggiator 1 affects both layer 1 and layer 2
Stereo mode = each Arp modifies its corresponding layer (A=1, B=2)

5 Arp On/Off
Toggle the Arpeggiator On/Off

6 Grid
Change the step length

7 Arp Mode
Select Up, Down, or Up and Down

8 Gate
Change the step length (knob value ranges from zero to the tracks Resolution setting)

9 Steps
Sets the Arpeggiators step length

10 Octave
Set the pitch range of the Arpeggiator in Octaves

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Presets

Arpeggios
AR-Art Peggios
AR-Barbarian
AR-Cool Session
AR-CS One Again
AR-Diode Power
AR-Gumball Acrobatics
AR-Kieseritzky G
AR-Kitch Pop Corn
AR-Perfect G
AR-Play 3 Notes
AR-Primitive
AR-Spatial Story
AR-Tangerinoise
AR-Tanjarre Dream
AR-Tease Analog
AR-Xanalog Beat
AR-Xperimental Valley

Bells
BL-A Very Small One
BL-Baby Bell
BL-Bella Noisa
BL-Ego Bells
BL-Ensembells
BL-Genesis
BL-Guiz Mode
BL-Harpsybell
BL-Hi PWM
BL-James Bells
BL-One CS Bell
BL-Passage
BL-Satin
BL-Tremolos
BL-Very Analog

Brassy
BR-Dirty Crazy
BR-Eve Angelis
BR-French Horn Like
BR-GuiBRastar
BR-K Brass Orch
BR-Lazer Brass
BR-Majestic OBrass
BR-Power Brass
BR-Sea Fluid

Bass
BS-Alley Shakedown
BS-Baxtandal
BS-Burnt Popcorn
BS-Chinese Fretless
BS-Crate Duster
BS-Grain Bass Lead
BS-Greem B
BS-Intoxic
BS-Jo B Jo Bass
BS-L0c0m0t1v8r
BS-Magus Electrus
BS-Multi Polarity
BS-Music and Nights
BS-Obese
BS-One Note Line
BS-TB Progress
BS-TrenZ Diana
BS-Underground
BS-Way Sub
BS-Yeti Bass
BS-You and Bass
BS-Your Freek
BS-Zapp Nostalgia

Play Chords
CH-8bit Stew Fly
CH-Accelerator
CH-Analog Crunch
CH-Decade Inversion
CH-Evolu Chord Wheel
CH-Little Monster
CH-Mahyem Ragga
CH-Move On
CH-Nate FF1087
CH-Parallel Predators
CH-Relaxing Wheel
CH-Starlight
CH-Talking One
CH-U Di Paris
CH-Windax Boxer

FX / Drone
FX-Cochon in Space
FX-Dayvan Indian
FX-Droning
FX-Glissandi
FX-Haunted Flat
FX-Interstellar
FX-Kaufman Synchronus
FX-LoFi CoalRider
FX-Move Away
FX-Neptoms
FX-Noise Dunes
FX-Quasi Quasar
FX-Rue of Terra
FX-Sub Liminal
FX-Sweep Machine
FX-Talking Tex
FX-Tube Thanks

Keyboards
KB-CS Analog Piano 1
KB-CS Analog Piano 2
KB-CS Analog Piano 3
KB-Dirty Organ
KB-Dynogital
KB-Fantasiatic
KB-HarpsYanalog
KB-Key Tooma
KB-King Court
KB-Majestic Keys
KB-Majestic Organ
KB-Molecular
KB-Nick Wheel Organ
KB-Oldganic
KB-Orgalogic
KB-Organ 20M
KB-Pluck Road
KB-PMW Keys
KB-Prophet Tines
KB-Seq Clavistan
KB-Short Piano
KB-Soft Pluck
KB-Space Caroussel
KB-Synth Piano
KB-Troshrgan
KB-Vox Populi

Lead
LD-Cajolead
LD-Creamy Synth
LD-CS One Two
LD-CSolo 70M
LD-CSweep Lead
LD-FeedbacKing
LD-First Lead
LD-Funky Cucumber
LD-Fusion Lead
LD-Green Show New
LD-Guitar Air HO
LD-Hernani
LD-Mono AL
LD-NoiSolo
LD-Screamer
LD-Seventh Dimension
LD-Short Cop X
LD-Slow Solo
LD-Strange LFO
LD-Very Short One
LD-Vocal Theremin
LD-Wha Wheel Solo
LD-Xtatic Motion

Noisy
NS-ColdnQuiet
NS-Guiznoiso
NS-Noise Melody
NS-Noisonic Pad
NS-Ominousea

Pads
PD-86 Skies Full Wheel
PD-Analog Pure
PD-ARP Ominous
PD-Beautypad
PD-Creamy Flutter
PD-Creative Wheel
PD-Dark Volute
PD-Du ALmosphere
PD-Geologic
PD-Granular Soft
PD-Hall of Grain
PD-Hornalog Pad
PD-Hybrid Choir
PD-Joy Arp
PD-Little Planet
PD-Morpho
PD-Network Reso
PD-Orchestranalog
PD-PortArpmento
PD-Step Walking
PD-Urban Bed

Polysynth
PL-Big Power One
PL-Busy Times
PL-CS One Saw Fee
PL-Full Ens Synth
PL-Laughing Factory
PL-Numericharp
PL-Poly Game
PL-PolyGrain
PL-Portamanteau
PL-Raining Pluck
PL-Stab Island
PL-Submarine Scream
PL-Tekno Idea

Strings
ST-Bi Spectral Strings
ST-Ensemble Machine
ST-In a Box
ST-Lina Star
ST-Mutronic Strings
ST-My Eminent
ST-Noisycato
ST-Pizzanalog
ST-Soloist

Sweep
SW-Classic Jarr
SW-CreaSweep
SW-Fidel
SW-Inverted
SW-Majestueux
SW-Moment of Clarity
SW-Monowheelist
SW-Mosquito
SW-Original Sweep

Raw Waves

Ensemble
CSweep 70M
Full Ensemble
Lina Strings 1
Lina Strings 2
Machine String
Softy Brassy

Raw Poly
Bright Pad
Elec Piano
French Hornalog
Grain Soft 1
Grain Soft 2
OBrass
Power Wave
Short Piano

Raw Solo
Bass Lead
CSolo 70M
Double Seq
Laser
Pluck
Power Grain
Seq Clav
Solo Soft

Unison
Bass Lead 1
Bass Lead 2
Dirty Organ
Orchestral Brass
Polyson
Power Uni
Resophonic
Soft Pad
Thing Long

Waves
Saw
Sine
Sine-Saw
Square PWM 1
Square PWM 2
Square PWM 3
Square-Saw PWM 1
Square-Saw PWM 2
Square-Saw-Sine PWM 1
Square-Saw-Sine PWM 2

Waves Noises
Noise BP Raw
Noise BP Reso
Noise Flat Raw
Noise Flat Reso 1
Noise Flat Reso 2
Noise HP Raw
Noise HP Reso
Noise Unison Raw
Noise Unison Reso 1
Noise Unison Reso 2
Sub Noise Unison

Waves Unison
Sine-Saw Uni
Sine-Square Uni
Square-Saw Uni
Square-Saw-Sine Uni

20M Sounds
Big One
Big Two
Fifth Avenue
Funky Bass
Gizmono
Lazer
Noisonic
Organic
Pianoise
PortHardmento
SeqOrgan
Technoid

20M Waves
Noise
Saw
Sine
Square PWM 0
Square PWM 2
Square PWM 4
Square PWM 6
Square PWM 8
Triangle

CS01 Waves
PWM 1
PWM 3
PWM 5
PWM 7
PWM 9
Saw
Square 1
Square 2
Triangle
WhiteNoise

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UVI Workstation: Tips + Tricks

MIDI Learn

Most UVI Workstation parameters can be automated via. a convenient MIDI Learn. MIDI Learn allows you to bind a physical MIDI controller to specific parameters within UVI Workstation.

- Any FX tab parameter, Macro Knob or Slider in UVI instruments can use the MIDI Learn feature
- The MIDI controller type and the MIDI Channel assignment will be saved with the multi or with your song in the host sequencer
- Automation is assigned per-part

To use MIDI Learn:
1. Right-click the parameter in UVI Workstation that you want to automate
2. After the MIDI Learn dialog appears, Trigger the desired MIDI input controller (knob, fader etc.)

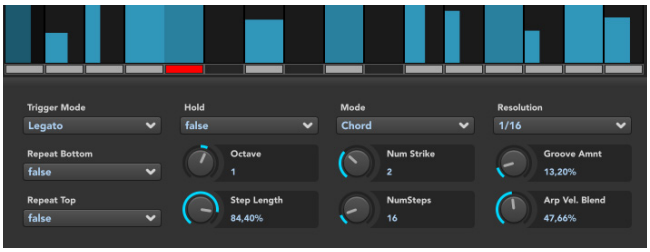
To remove a MIDI controller assignment:
Right-click the desired parameter and press “Delete”

Unlimited FX

UVI Workstation offers a wide variety of FX, or effect processors, to cover all your audio processing needs. The FX implementation is robust and includes the ability to insert unlimited FX slots in several stages of the signal flow.

- Click the “FX” tab to open the FX page on the Single view
- In Multi view the FX section is always displayed

Arpeggiator

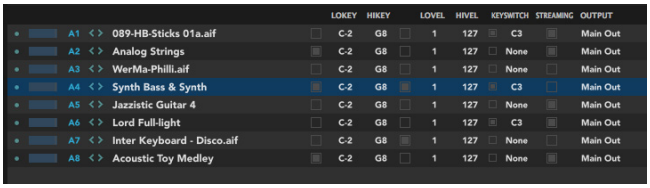


UVI Workstation comes equipped with a robust arpeggiator. To insert an arpeggiator in a part, you need to display the Single view in the UVI Workstation, then click on the note icon. The arpeggiator can be employed as a pattern gate, arpeggiator, or even an advanced rhythmic processor for your live MIDI performance or sequenced MIDI tracks. Arpeggiators can be inserted in an unlimited number of parts.

Preset Stacking

Thanks to the simplicity of the UVI Workstation you can stack as many presets as you want by simply assigning multiple parts on the same MIDI channel.

Split, Velocity & Key Switch



The Keyswitch settings allow you to load multiple presets into two or more parts and dynamically play and mute them from your MIDI controller using key switching, note range, velocity range or any combination of the three parameters. This powerful feature gives you a great deal of real-time control.

Scroll Wheel

All knobs can be adjusted with the scroll wheel on your mouse. When you double-click on any knob or slider, you can manually enter or type in the desired value.

Links

UVI

Home . . . . . uvi.net/

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CS-M 1.5

Credits and Thanks

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GUI + Design
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Special Thanks
Manu @ Masterwave

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